

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

APPLICANT: SUDIPTA SEAL
 FOR: SYNTHESIS OF TETRAGONAL PHASE STABILIZED NANO AND SUBMICRON SIZED NANOPARTICLES

LIST OF ART CITED BY APPLICANTU.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NO.	NAME	DATE	CLASS	SUBCLASS
AM AA	5,472,795	ATITA	12/5/1995	428/660	
AM AB	5,800,934	QADRI	09/01/1998	428/633	
AM AC	6,007,926	PROVENZANO	12/28/1999	428/633	
AM AD	6,017,839	MAJUMDAR	01/25/2000	501/104	
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AM AF	6,376,590 B2	KOLB	04/23/2002	524/413	
AM AG	6,387,981 B1	ZHANG	05/14/2002	523/117	
AM AH	6,482,537 B1	STRANGMAN	11/19/2002	428/633	

PATENT APPLICATION PUBLICATIONS

NONE

FOREIGN ART

NONE

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AM OA (2003) S. Shukla, S. Seal, R. Vij & S. Bandyopadhyay. POLYMER SURFACTANT INCORPORATED CERAMIC OXIDE NANOPARTICLES. Rev. Adv. Matter. Sci 4, pp. 109

AM OB (2002) S. Shukla, S. Seal, R. Vij & S. Bandyopadhyay. EFFECT OF HPC AND WATER CONCENTRATION ON THE EVOLUTION OF SIZE, AGGREGATION AND CRYSTALLIZATION OF SOL-GEL NANO ZIRCONIA. Journal Nanoparticle Research 4: pp. 553-559

AM OC (2003) S. Shukla, S. Seal, VanFleet. SOL-GEL SYNTHESIS AND PHASE EVOLUTION BEHAVIOR OF STERICALLY STABILIZED NANOCRYSTALLINE ZIRCONIA. Journal of Sol-Gel Science and Technology 27, pp.119-136

AM OD (2002) S. Shukla, S. Seal, R. Vij, S. Bandyopadhyay, & Z. Rahman. EFFECT OF NANOCRYSTALLITE MORPHOLOGY ON THE METASTABLE TETRAGONAL PHASE STABILIZATION IN ZIRCONIA. Nano Letters Vol. 2, No. 9, American Chemical Society pp. 989-993

AM OE (2003) S. Shukla, S. Seal, R. Vij, S. Bandyopadhyay. REDUCED ACTIVATION ENERGY FOR GRAIN GROWTH IN NANOCRYSTALLINE YTTRIA-STABILIZED ZIRCONIA. Nano Letters Vol. 2, No. 9, American Chemical Society pp. 397-401

5-10-06